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☐ The required fee is listed on the attached Fee Transmittal.

☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: November 22, 2006

Respectfully submitted,

By


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Attachment(s):

- ☒ PTO-SB08
- ☒ Documents
- ☒ International Search Report
- ☐ Fee
- ☐ Other:



PTO/SB/08A/B (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/585,742
				Filing Date	July 12, 2006
				First Named Inventor	Shingo HIRAMATSU
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	5374-0101PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US 6,018,030 A	1-25-2000	Ferrari et al.	
		US 6,872,869 B2	3-29-2005	Liu et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 94/29450	12-22-1994			
		JP 8511426T	12-03-1996			
		WO 02/40528 A1	05-23-2002			
		JP 2002506642T	03-05-2002			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		LAZARIS et al., "Spider Silk Fibers Spun from Soluble Recombinant Silk Produced in Mammalian Cells", Science Mag., 2002, Vol. 295, pgs 472-476	
		VOLLRATH et al., "Liquid Crystalline Spinning of Spider Silk", Nature Mag., 2001, Vol. 410, pgs 541-548	
		OSAKI, "Chemistry of Spider's Thread", Organic Synthesis Chemistry, 1985, Vol. 4, No. 9, pgs 828-835	
		WINKLER et al., "Molecular Biology of Spider Silk", Reviews in Molecular Biotechnology, 2000, No. 74, pgs 85-93	
		FAHNESTOCK et al., "Microbial Production of Spider Silk Proteins", Reviews in Molecular Biotechnology, 2000, No. 74, pgs 105-119	
		Scheller, "Production of Spider Silk Proteins in Tobacco and potato," Nature, 2001, No. 19, pgs. 573-577	
		Masao Nakagaki et al., "Kumo no Ito o Kaiko ni Hakaseru Kenkyu" Research on Spider Filament Production of Silkworms (Modification of Domesticated Silkworm Fibroin Gene by Gene Targeting), 14 March 2002, pgs. 101-102	
		Toshiki Tamura, "Idenshi Kumikae Kaiko to Shinsen'I" Production of New Silk Using the Transgenic Silkworm, 2003, pgs. 822-825	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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